

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION  
CALENDAR YEAR 2013

Lorene Lemon Burns Water Assn  
Public Water Supply Name

0650003

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

Advertisement in local paper (attach copy of advertisement)

On water bills (attach copy of bill)

Email message (MUST Email the message to the address below)

Other \_\_\_\_\_

Date(s) customers were informed: \_\_\_\_/\_\_\_\_/\_\_\_\_, \_\_\_\_/\_\_\_\_/\_\_\_\_, \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was distributed by Email (MUST Email MSDH a copy)

Date Emailed: \_\_\_\_/\_\_\_\_/\_\_\_\_

As a URL (Provide URL \_\_\_\_\_)

As an attachment

As text within the body of the email message

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: Smith County Reformer

Date Published: 7/2/14

CCR was posted in public places. *(Attach list of locations)*

Date Posted: \_\_\_\_/\_\_\_\_/\_\_\_\_

CCR was posted on a publicly accessible internet site at the following address (**DIRECT URL REQUIRED**):

**CERTIFICATION**

I hereby certify that the 2013 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

DeDee Shuler for  
Name/Title (President, Mayor, Owner, etc.)

7/3/14                       
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601) 576-7800

May be emailed to:  
Melanie.Yanklowski@msdh.state.ms.us

2014 JUN 26 PM 2: 26

2013 Annual Drinking Water Quality Report  
 Lorena Lemon Burns Water Association  
 PWS#: 0650003  
 June 2014

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Lorena Lemon Burns Water Association have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Robert Derrick at 601.536.3305. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of the month at 7:00 PM at the water office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2013. In cases where monitoring wasn't required in 2013, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

**Action Level** - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level (MCL)** - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (MCLG)** - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Maximum Residual Disinfectant Level (MRDL)** - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

**Maximum Residual Disinfectant Level Goal (MRDLG)** - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Parts per million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	Y	January	Positive	1	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment

## Inorganic Contaminants

10. Barium	N	2013	.0595	.0007 - .0595	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2013	5	2.5 – 5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009/11*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2009/11*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2013	.21	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

## Disinfection By-Products

81. HAA5	N	2013	1	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2013	2.59	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2013	.9	.41 – 1.6	mg/l	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2013.

### Microbiological Contaminants:

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We took five samples for coliform bacteria during January 2013. One of those samples showed the presence of coliform bacteria. We did not find any bacteria in our subsequent testing and further testing shows that this problem has been resolved.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Lorena Lemon Burns Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

# PROOF OF PUBLICATION

## The State of Mississippi, County of Smith

PERSONALLY CAME before me, the undersigned a Notary Public in and for SMITH COUNTY, MISSISSIPPI the OFFICE CLERK of the SMITH COUNTY REFORMER, a newspaper published in the Town of Raleigh, Smith County, in said State, who being duly sworn, deposes and says that the SMITH COUNTY REFORMER is a newspaper as defined and prescribed in § 13-3-31 of the Mississippi Code 1972 Annotated and that the publication of a notice, of which the annexed is a copy, in the matter of

### Annual Drinking Water Quality Reports

has been made in said paper 1 times consecutively, to-wit:

On the 2 day of July 20 14

On the        day of        20       

On the        day of        20       

On the        day of        20       

*Vicki Spencer*

OFFICE CLERK

SWORN to and subscribed before me, this the

9th

day of

July

20

*Angela M. Brown*  
NOTARY PUBLIC

ANGELA M. BROWN  
Commission Expires  
01/02/2015  
SMITH COUNTY

Words

Cost

We're  
delive  
efforts  
your v

ADAMS HAROLD ESTATE  
3 AC BEG NW/4 S2 SE NE  
Section 9 Township 02N Range 08E  
PPIN 7460

Parcel 202-04-000-015  
ADCOX LONNIE J SR ETUX  
6 AC SW/4 SW SE  
Section 4 Township 10N Range 16W  
PPIN 8636

Parcel 039-32-000-005  
ANDERSON ANNETTE R.

Section 34 Township 03N Range  
PPIN 6427  
Parcel 065X-16-000-038  
DANIELS LESLIE  
BEG 110 YDS E OF SW/4 OF  
RUN  
N 110 YDS E 110 YDS TO RD S  
SAID RD TO S LINE SE SW RU  
POB LESS W 400 FT THEREOF  
Section 16 Township 02N Range  
PPIN 2016

Section 32 Township 01N Range 07E  
PPIN 1742  
Parcel 059-32-000-011  
SMITH MYRTLE G ETAL  
1 AC NE SE

Section 13 Township 10N Range 16W  
PPIN 8806  
Parcel 206-13-000-021  
SIZEMORE RUBY C ETAL  
2 AC S OF RD IN W2 NW/4  
Section 15 Township 10N Range 14W  
PPIN 11146

Section 15 Township 10N Range 14W  
PPIN 11146  
Parcel 185-15-000-004  
SIMS TERRY ETUX ALLEN  
1 AC BEG SW/4 NE NW  
Section 15 Township 10N Range 14W  
PPIN 7566

Section 15 Township 10N Range 14W  
PPIN 7566  
Parcel 185-15-000-004  
SIMS GRADY L ETAL  
2 AC NW/4 SE SW  
Section 10 Township 10N Range 14W  
PPIN 7373

Section 10 Township 10N Range 14W  
PPIN 7373  
Parcel 1822-10-000-036  
SIMS GRADY L ETAL  
2 AC NW/4 SE SW  
Section 16 Township 03N Range 08E  
PPIN 14610

Section 16 Township 03N Range 08E  
PPIN 14610  
Parcel 115-16-000-001  
SHONGLO HUNTING CLUB  
HUNTING AND FISHING LEASE  
580 ACRES  
EXPIRES 06/30/08  
EXPIRES 06/30/21

Section 20 Township 10N Range 14W  
PPIN 10851  
Block A  
Parcel 184-20-A-045  
RISH VIRGINIA ESTATE  
1 AC BEG S NE/4 SE NW  
Section 20 Township 10N Range 14W  
PPIN 16543

Section 12 Township 02N Range 06E  
PPIN 16543  
Parcel 021-12-000-004  
ROBERTS MICHAEL W ETUX SHERK  
PT E2 S2/4  
Section 12 Township 02N Range 06E  
PPIN 270

Section 12 Township 02N Range 06E  
PPIN 270  
Parcel 021-12-000-006  
ROBERTS MICHAEL W  
6 AC IN E2 SE  
Section 12 Township 02N Range 06E  
PPIN 9916

Section 18 Township 02N Range 08E  
PPIN 9916  
Parcel 104C-18-000-017  
RENOT DANIEL ETUX HOPE  
5 AC W NE/4 SW NE  
Section 18 Township 02N Range 08E  
PPIN 11485

Section 24 Township 03N Range 09E  
PPIN 11485  
Parcel 156Z-24-000-021  
QUINCE MARCUS D  
3 AC IN SE OF SW/4  
Section 24 Township 03N Range 09E  
PPIN 11485

Section 24 Township 03N Range 09E  
PPIN 11485  
Parcel 156Z-24-000-021  
QUINCE MARCUS D  
3 AC IN SE OF SW/4  
Section 24 Township 03N Range 09E  
PPIN 11485

Section 20 Township 10N Range 14W  
PPIN 10836  
Block B  
Parcel 184-20-B-005  
MAY LEE  
3 AC BEG S NW/4 LOT 6  
Section 14 Township 03N Range 07E  
PPIN 2306

Section 14 Township 03N Range 07E  
PPIN 2306  
Parcel 076-14-000-003  
MARTIN SCOTTIE ETAL  
3 AC NE/4 NE SW  
Section 23 Township 10N Range 14W  
PPIN 11785

Section 23 Township 10N Range 14W  
PPIN 11785  
Parcel 186-23-000-015  
MARTIN SAMMIE  
1 AC BEG NW/4 SE NE  
Section 12 Township 10N Range 14W  
PPIN 16743

Section 12 Township 10N Range 14W  
PPIN 16743  
Parcel 181-12-000-010  
MARTIN BARRY D  
LOT IN SW COR SW OF SE/4  
Section 10 Township 01N Range 07E  
PPIN 1438

Section 10 Township 01N Range 07E  
PPIN 1438  
Parcel 052-10-000-011  
LOWERY MARGARET  
1 AC BEG NW/4 SE SE  
Section 21 Township 01N Range 08E  
PPIN 3355

Section 21 Township 01N Range 08E  
PPIN 3355  
Parcel 095-21-000-020  
LOWERY JERRY H  
9.5 AC SW SW  
Section 30 Township 02N Range 08E  
PPIN 3803

Section 30 Township 02N Range 08E  
PPIN 3803  
Parcel 109-30-000-024  
LOTT ALVA RAY II  
7 AC NW/4 W OF HWY 35 IN NW & 1  
Section 36 Township 01N Range 08E  
PPIN 3474

Section 36 Township 01N Range 08E  
PPIN 3474  
Parcel 097-36-000-013  
LONG O R ESTATE & AINSWORTH  
HILLY  
5 AC COM SE/4 NE SW  
Section 6 Township 02N Range 08E  
PPIN 9647

Section 6 Township 02N Range 08E  
PPIN 9647  
Parcel 103C-06-000-020  
LEWIS DELORUS JONES  
1 AC BEG SE/4 SE NE  
Section 17 Township 04N Range 08E  
PPIN 4460

Section 17 Township 04N Range 08E  
PPIN 4460  
Parcel 124-17-000-032  
LAKE LAND COMPANY INC  
4 AC NW/4 IN SW PART OF SW SW  
Section 27 Township 10N Range 16W  
PPIN 9101

Section 27 Township 10N Range 16W  
PPIN 9101  
Parcel 208-27-000-016  
KNIGHT STAN  
SW SE LESS SE 4 AC LESS RW  
Section 27 Township 10N Range 16W  
PPIN 9101

Section 27 Township 10N Range 16W  
PPIN 9101  
Parcel 208-27-000-016  
KNIGHT STAN  
SW SE LESS SE 4 AC LESS RW  
Section 27 Township 10N Range 16W  
PPIN 9101